

1R - 425-49

REPORTS

DATE:

9-22-08

Vacuum I-32 Vent Boot

1R425-49

RECEIVED

MAR 25 2009

Environmental Bureau
Oil Conservation Division

CLOSURE

**RICE OPERATING COMPANY
JUNCTION BOX FINAL REPORT**

BOX LOCATION

SWD SYSTEM	JUNCTION	UNIT	SECTION	TOWNSHIP	RANGE	COUNTY	BOX DIMENSIONS - FEET		
							Length	Width	Depth
Vacuum	vent I-32 boot	I	32	17S	35E	Lea	no box; system abandonment		

LAND TYPE: BLM _____ STATE X FEE LANDOWNER _____ OTHER _____

Depth to Groundwater 80 feet NMOCD SITE ASSESSMENT RANKING SCORE: 10

Date Started 3/4/2008 Date Completed 3/19/2008 OCD Witness no

Soil Excavated 7 cubic yards Excavation Length 5 Width 3 Depth 12 feet

Soil Disposed 0 cubic yards Offsite Facility n/a Location n/a

FINAL ANALYTICAL RESULTS: Sample Date 3/4/2008 Sample Depth 12 ft

TPH and Chloride laboratory test results completed by using an approved lab and testing procedures pursuant to NMOCD guidelines.

CHLORIDE FIELD TESTS

Sample Location	PID (field) ppm	GRO mg/kg	DRO mg/kg	Chlorides mg/kg
SOURCE 12' GRAB	0.0	<10.0	<10.0	32

LOCATION	DEPTH	mg/kg
background	6"	73
vertical delineation trench at junction (source)	7'	127
	8'	173
	9'	126
	10'	103
	11'	179
	12'	103

General Description of Remedial Action: This junction was addressed under the Vacuum SWD System abandonment. After this junction was removed, an investigation was conducted using a backhoe to collect soil samples at regular intervals producing a 5x3x12-ft-deep hole. Chloride field tests were performed on each sample, which yielded low concentrations. Organic vapors were measured using a PID, which also yielded low concentrations. The deepest sample, 12 ft BGS, was sent to a commercial laboratory for analysis of chloride and TPH, which confirmed low concentrations. The excavated soil was returned to the excavation and clean, imported soil was used as a top cap and to contour to the surrounding area. On 3/20/2008, the site was seeded with a blend of native vegetation and is expected to return to a productive capacity at a normal rate.

enclosures: photos, lab results, PID screening, chloride curve

I HEREBY CERTIFY THAT THE INFORMATION ABOVE IS TRUE AND COMPLETE TO THE BEST OF MY
KNOWLEDGE AND BELIEF.

SITE SUPERVISOR Roy Rascon SIGNATURE not available COMPANY RICE OPERATING COMPANY

REPORT ASSEMBLED BY Katie Jones INITIAL KJ

PROJECT LEADER Larry Bruce Baker Jr. SIGNATURE Larry Bruce Baker Jr. DATE 9-22-08

Vacuum vent I-32 boot

Unit I, Section 32, T17S, R35E



undisturbed junction box, facing north

10/25/2005



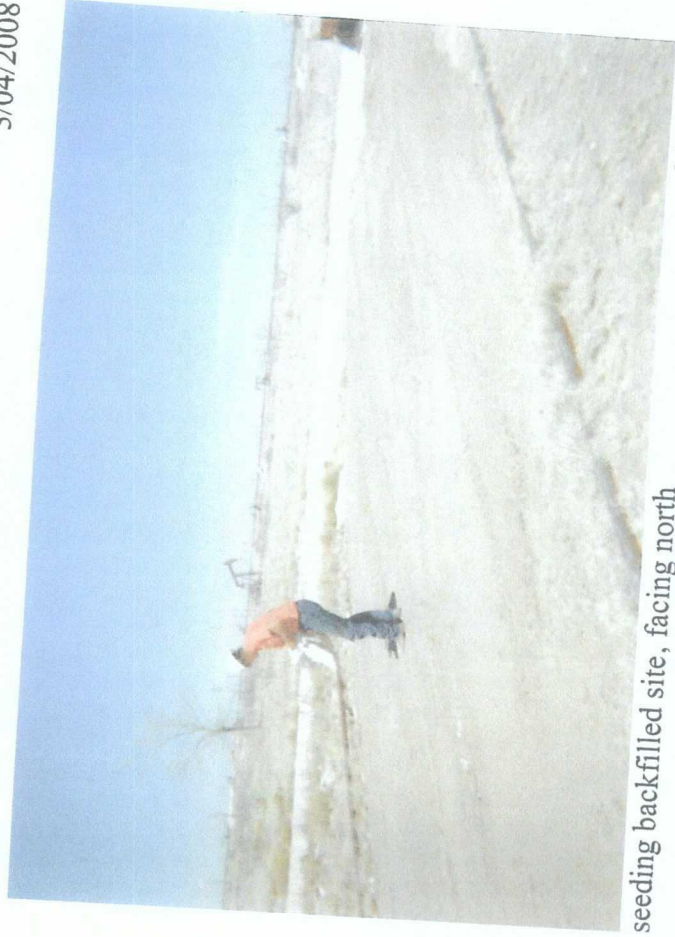
delineation trench at former junction site

3/04/2008



backfilled site, facing east

3/19/2008



seeding backfilled site, facing north

3/20/2008



ARDINAL LABORATORIES

PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
RICE OPERATING CO.
ATTN: ROY R. RASCON
122 W. TAYLOR
HOBBS, NM 88240
FAX TO: (575) 397-1471

COPY

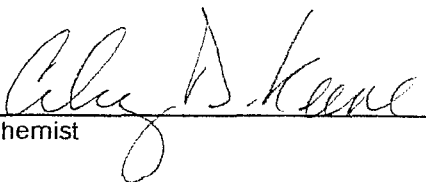
Receiving Date: 03/05/08
Reporting Date: 03/06/08
Project Owner: NOT GIVEN
Project Name: VAC. VENT I-32 BOOT
Project Location: NOT GIVEN

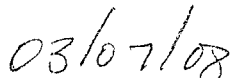
Sampling Date: 03/04/08
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: CK/HM

LAB NUMBER	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/kg)	DRO (>C ₁₀ -C ₂₈) (mg/kg)	CI* (mg/kg)
		03/05/08	03/05/08	03/05/08
H14375-1	SOURCE @ 12' BGS GRAB INITIAL	<10.0	<10.0	32
Quality Control		558	560	490
True Value QC		500	500	500
% Recovery		112	112	98.0
Relative Percent Difference		2.8	17.1	4.0

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; CI: Std. Methods 4500-ClB

*Analysis performed on a 1:4 w:v aqueous extract.


Chemist


Date

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MAR 11 2008

H14375TCL RICE

RICE OPERATING
HOBBS, NM

PLEASE NOTE: **Liability and Damages.** Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise. Results



CARDINAL LABORATORIES

2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240
(325) 673-7001 FAX (325) 673-7020 (505) 393-2326 FAX (505) 393-2476

COPY

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO										ANALYSIS REQUEST																									
Company Name: RICE OPERATING CO.										P.O. #:																									
Project Manager: ROY R. RASCON										Company:																									
Address: 122 WEST TAYLOR										Attn:																									
City: HOBBS										State: NM Zip: 88240																									
Phone #: (505) 393-9174										Fax #: (505) 397-1471																									
Project #:										Project Owner:																									
Project Name: VAC VENT I-32 BOOT										State: Zip:																									
Project Location:										Phone #:																									
Sampler Name: ROY R. RASCON										Fax #:																									
FOR LAB USE ONLY		LAB ID #		SAMPLE I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		SLUDGE		OTHER:		ACID/BASE:		ICE / COOL		OTHER:		DATE		TIME		TPH 8015 M		CL		BTEX	
H14375		H1163764		SOURCE @ 12' BGS GRAB INITIAL		G 1		X		X		X		X		X		X		X		X		X		X		X		X		X			

RICE OPERATING COMPANY

122 West Taylor Hobbs, NM 88240

PHONE: (505) 393-9174 FAX: (505) 397-1471

PID METER CALIBRATION & FIELD REPORT FORM

COPY

CK.
MODEL
NO.

X

MODEL: PGM 7600

SERIAL NO: 110-013676

MODEL: PGM 7600

SERIAL NO: 110-013744

MODEL: PGM 7600

SERIAL NO: 110-012383

MODEL: PGM 7600

SERIAL NO: 110-012920

GAS COMPOSITION: ISOBUTYLENE 100PPM / AIR: BALANCE

LOT NO : 07-3353	EXPIRATION DATE: 5-16-09
FILL DATE: 11-16-07	METER READING ACCURACY: 100.0

ACCURACY : +/- 2%

SYSTEM	JUNCTION	UNIT	SECTION	TOWN SHIP	RANGE
VAC	VENT I-32 BOOT	I	32	17S	35E

SAMPLE ID	PID	SAMPLE ID	PID
VERT @ SOURCE W/BACKHOE @ 1'			
2'			
3'			
4'			
5'			
6'			
7'	0		
8'	0		
9'	0		
10'	1.2		
11'	0		
12'	0		

I verify that I have calibrated the above instrument in accordance to the manufacture operation manual.

SIGNATURE:

Roy R. Riaslon

DATE: 3-4-08

Vacuum vent I-32 boot

Unit T, Sec. 32, T17S, R35E

Backhoe samples at junction (source)

Depth bgs (ft)	[Cl] ppm
7	127
8	173
9	126
10	103
11	179
12	103

Groundwater = 80 ft

